

First Pharm D Degree Supplementary Examinations - April 2012

Human Anatomy and Physiology

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. What are the various parts of urinary system. Explain the physiology of urine formation. (3+7=10)
2. Define blood pressure. Give its normal value. Explain the regulation of blood pressure. (1+1+8=10)

Short notes:

(10x3 30)

3. Reflex action.
4. Process of oogenesis.
5. Chemical digestion in mouth.
6. Classification of joints with examples
7. Epithelial tissues.
8. Bones of appendicular skeleton system and differences between male and female pelvis.
9. Hormones secreted from adrenal gland and their function.
10. Transportation of carbon dioxide by blood
11. Digestion of fat
12. Lung volumes.

Answer briefly:

(10x2=20)

13. Functions of CSF.
14. Classify leukocytes.
15. Discuss any two coagulation disorders
16. Describe normal electrocardiogram.
17. Enlist posterior pituitary hormones.
18. What is capsular hydrostatic pressure.
19. Different functions of liver.
20. What do you know about different ventricles of brain..
21. Write briefly on heart sounds.
22. Describe any two gastrointestinal disorders.
